

Model Modifications

Revisions based on survey data:

- 1) SPP51: Weir crest height lowered from 575.71 to 575.3.
- 2) SPP67: Weir crest height was raised from 575.85 to 577.62. Upstream pipe invert was raised from 572.87 to 573.4. U/S invert of pipe 10495 was 572.87, raised to 573.4.
- 3) SPP132: Weir crest height was raised from 575.55 to 577.1.
- 4) SPP149: Weir crest height was raised from 593.98 to 594.52.
- 5) SPP150: Weir crest height was raised from 596.53 to 597.28.
- 6) SPP151: Weir crest height was raised from 608.01 to 608.51. Downstream invert of conduit 13305b was 604.52, lowered to 604.11. At Model Node 12738D U/S invert of conduit 13305b, and D/S invert of conduit 13305a lowered from 604.64 to 604.29
- 7) SPP199a: Weir crest height lowered from 608.75 to 608.34. Node 13008 invert and U/S invert of 13009 were 606.71, lowered to 605.72. Downstream invert of model node 13065 was lowered from 606.71 to 606.13.
- 8) SPP199c: Weir crest height was lowered from 606.8 to 606.48. Model Node 12819 invert and upstream invert of CHME12820 were lowered from 604.8 to 604.44. Downstream invert of CHME12820 was raise from 604.45 to 604.09. Downstream invert of 13114b was lowered from 605.63 to 605.28.
- 9) SPP248: Weir crest height was lowered from 607.25 to 606.81. Model Node SPP248w invert and upstream invert of pipe 16134 were raised from 601.7 to 602.33.
- 10) SPP249: Weir crest height was raised from 623.78 to 624.06.
- 11) SPP282: Upstream invert of pipe SPP282w*.1 was lowered from 578.95 to 578.45.
- 12) SPP318: Weir crest height was raised from 582.25 to 582.66.
- 13) SPP319: Weir crest height was lowered from 582.95 to 582.50. Upstream invert of conduit 13195 and Node SPP319w were lowered from 580.45 to 579.75.

Revisions Based on Completed Construction:

- 1) SPP 206A&B - Raised weir to 576.00
- 2) SPP 36- Contract 4 - Inserted nodes DUMSPP36 (rim 588.47, invert 578.68) and 15741.1 (rim 588.98, invert 576.25) downstream of node 15741. Added transverse WEIR1 (SPP36Weir) from node DUMSPP36 to node 1571.1 with length of 6 ft., crown of 583.75, crest of 581.25, and discharge coefficient of 3.1. Updated link 15744.1 from node 15741.1 to node 15298 to have a length of 36.9 ft and lowered upstream invert to 576.89 from 578.69. Updated link from node 15741 to node DUMSPP36 to have diameter of 2.5 ft., a length of 35 ft., upstream invert of 578.69, and downstream invert of 578.68.
- 3) SPP 35 - Contract 3 - Incorporated 150' 96" dia. Storage, Genesee trunk weir @ 582.35 8' long, SPP 35 weir 583.42 4' long, restricted outlets to Swan Trunk 18" dia.
- 4) SPP 165A - Raised weir 165WEIR 9" to weir crest elevation 653.27.